

Cromemco Software Update Service Note CROMIX-5

Date: August 25, 1982

Product: CROMIX-L and CROMIX-S

Version.Release: 11.11

Date production of this version began: July 16, 1982 on 8"
July 16, 1982 on 5"

First serial number with this version: CX1612536 on 8"
CX1711333A&B on 5"

[Note: Earlier serial numbers may also contain this version. All Cromemco Finished Goods stock was recopied on the above dates.]

SUMMARY

Version 11.11 of the Cromix™ Operating System is now available. This version contains corrections to the previous version, version 11.10. For information on the changes made to the Cromix Operating System between versions 11.05 and 11.10, refer to the **Cromix-4 Suds Note**, part number 023-9032.

CHANGES

Changes to Cromix.sys 11.11
Old version 11.10

The procedure for determining the system console device has been changed. As a result, the operating system will not boot if the user has a device connected at location F0h.

A value of 0 is output to port Elh, the port on the WDI-II board which stores the high byte of the 24 bit address of the hard disk DMA buffer. This permits correct execution of WDI-II DMA operations when running the Cromix Operating System on a DPU with a WDI-II board.

The system call `.getmode` now correctly returns the tape status of the tape devices. The tape driver, Tp, now marks the last file on the tape with two filemarks. The tape cannot be read beyond the last file.

Changes to the Utilities

/bin/ddump.bin 02.02

This utility is now distributed on the Tape Drive System (TDS) software diskette shipped with the TDS. The diskette is in CDOS format. To use the TDS files on a Cromix system, load the files into the appropriate directories by executing the Install command.

/bin/sim.bin 00.34 Old version 00.31

System Call 6 (Direct Console I/O) now accepts the control characters ^S and ^Q as input. This change was made to avoid conflict with programs which use these two control characters.

System Call 37 is now ignored instead of being unimplemented. This change allows programs which use the call to avoid being aborted when running under the Cromix CDOS Simulator. System Call 37 is now handled by the CDOS and Cromix Operating Systems in the same manner.

Keyboard I/O calls handle the setting of modes more efficiently. The improved calls are:

- System Call 1 (Read Console with Echo)
- System Call 6 (Direct Console I/O)
- System Call 10 (Input Buffered Line)
- System Call 128 (Read Console Without Echo)

The routine invoked by the Read Console Without Echo entry of the Jump table, which corresponds to the CP/M* Jump table, is also affected. Modes which are affected are:

- Echo
- Crdevice
- Raw
- Immediateecho
- Noecn1
- Escrtn

* CP/M is a registered Trademark of Digital Research, Inc.

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/etc/fdboot 00.09
Old version 00.08

A TU-ART board which powered up with interrupts pending would send an interrupt to the Cromix Operating System before the operating system tables had been properly set up. This would prevent the system from booting. The boot file Fdboot has been changed so that it does not enable interrupts before passing control to the Cromix Operating System.

/etc/sfdboot 00.09
Old version 00.08

The change made to Fdboot also applies to Sfdboot.

VERSION NUMBER SUMMARY

cromix.sys Version 11.11

Files in /bin	Version
access.bin	RB 00.06
backup.bin	00.08
linker.bin	00.13
boot.bin	00.02
cdoscopy.bin	00.15
chowner.bin	RB 00.06
cmpasc.bin	00.05
compare.bin	RB 00.07
copy.bin	RB 00.10
cptree.bin	00.07
day.bin	RB 01.02
dcheck.bin	00.12
deltree.bin	RB 00.03
dump.bin	RB 00.10
echo.bin	RB 00.05
ed.bin	01.35
find.bin	RB 00.07
free.bin	00.09
group.bin	RB 00.01
h.bin	RB 00.04
help.bin	RB 00.04
icheck.bin	00.15
idump.bin	00.06
init.com	02.71
input.bin	RB 01.00
l.bin	RB 00.11
mail.bin	00.06
makdev.bin	RB 00.07
makfs.bin	RB 00.13
maklink.bin	RB 00.04
match.bin	RB 00.03

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mode.bin	RB	01.12
mount.bin	RB	00.13
move.bin	RB	00.09
msg.bin	RB	00.08
ncheck.bin	RB	00.09
passwd.bin		00.09
patch.bin		00.03
priv.bin	RB	00.07
restore.bin		00.05
root.bin	RB	00.02
screen.bin		01.35
sim.bin		00.34
sort.bin		00.06
spool.bin	RB	00.12
tee.bin	RB	01.02
testinp.bin	RB	01.01
time.bin	RB	00.07
unmount.bin	RB	00.11
usage.bin	RB	00.06
version.bin	RB	00.09
wboot.bin	RB	00.09
who.bin	RB	00.06

Files in /dev/iop Version

cromix.iop	RB	11.11
ioprun.bin	RB	03.00

Files in /etc Version

fdboot		00.09
login.bin	RB	00.02
sfdboot		00.09

Files in /gen Version

crogen.bin	RB	00.14
default.bin	RB	00.01